

Amendments to the Claims

Please make the following amendments to the claims:

1. (CURRENTLY AMENDED) A computer implemented delivery system for instructional information comprising:
 - at least one source that provides data, the data comprising instructional information and background information;
 - at least one user interface that receives input from a user, the input related to execution of the data;
 - a plurality of output devices in a classroom that receives audio and visual components of the instructional information and background information, wherein the plurality of output devices includes at least three visual displays and wherein display of the instructional information is controlled by an operator and display of the background information is controlled by an auto-switching algorithm;
 - at least one processor that generates audio and visual components ~~of~~ from the instructional information and background information from provided data to at least one output device;
 - a computer-readable medium accessible by the processor and including at least one predetermined rule comprising instructions for

displaying instructional information on at least one visual display
chosen by the operator for a duration selected by the operator,
and
displaying background images of the background information on one
or more visual displays not displaying instructional
information, the background images displayed and replaced
by the auto-switching algorithm that controls selection,
sequence, and duration of the display of the background
images displaying continuous random background visual
images on the at least three visual displays; and

communication links that transmit data and information between the at least one
source, the user interface, the processor and the output devices.

2. (ORIGINAL) The computer implemented delivery system of claim 1, wherein said at least one source comprises at least one of VCR, DVD, cameras, audio tuners, Internet and PC-based presentations.
3. (ORIGINAL) The computer implemented delivery system of claim 1, wherein said at least one predetermined rule determines order and sequence in which data from each source is to be applied to the output devices.

4. (CURRENTLY AMENDED) The computer implemented delivery system of claim 2, wherein said input from a user~~-input~~ determines which source provides data.
5. (CANCELED)
6. (CANCELED)
7. (CURRENTLY AMENDED) The computer implemented delivery system of claim ~~6~~ 1, wherein each of the three ~~display screens~~ visual display devices is further divided into a plurality of viewing areas in a predetermined pattern.
8. (CANCELED)
9. (CANCELED)
10. (CANCELED)
11. (CURRENTLY AMENDED) The computer implemented delivery system of claim 7, wherein at least one ~~display screen~~ visual display device is divided into two or more unequal viewing areas.

12. (CURRENTLY AMENDED) The computer implemented delivery system of claim ~~6~~ 1, wherein each of the three ~~display screens~~ visual display devices is further divided into a plurality of viewing areas in a pattern different from the other ~~screens~~ visual display devices.

CLAIMS 13—41 (CANCELED)

42. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one predetermined rule further includes displaying a random sequence of the ~~visual background~~ background images on each of the at least three visual displays after expiration of a timeout period.
43. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one predetermined rule further includes displaying random switching time between the ~~visual background~~ background images being displayed on each of the at least three visual displays.
44. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one predetermined rule further includes displaying random display duration of the ~~visual data background images~~ background images being displayed on each of the at least three visual displays.
45. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one predetermined rule further includes displaying random special effect transitions of the

~~visual data~~ background images being displayed on each of the at least three visual displays.

46. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one predetermined rule further includes displaying a student image on the display system on each one of the at least three visual displays.
47. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one predetermined rule further includes displaying a teacher image on the display system on each one of the at least three visual displays.
48. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the at least one predetermined rule further includes displaying a visual data piece repetitively on the display system on each of the at least three visual displays.
49. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one predetermined rule further includes displaying background ~~pictures~~ images during idle or transition periods on the display system on each of the at least three visual displays.
50. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one predetermined rule further includes displaying previous information provided by the

~~teacher operator~~ to reinforce the previous information on each of the at least three visual displays.

51. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one predetermined rule further includes displaying new information provided by the ~~teacher operator~~ when the ~~teacher operator~~ overrides the ~~control system auto-switching algorithm~~ on the display system on each of the at least three visual displays.
52. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one predetermined rule further includes displaying background ~~pictures~~ images that are related to ~~what is being taught~~ the instructional material.
53. (CURRENTLY AMENDED) The system of claim 1, wherein the at least one predetermined rule further includes displaying background ~~pictures~~ images that are unrelated to ~~what is being taught~~ the instructional material.
54. (CURRENTLY AMENDED) The system of claim 53, wherein the unrelated background ~~pictures~~ images are selected from the group of pictures consisting of:
- animals, forests, rivers, clouds, ~~students, teachers~~, mountains, art work, people,
 - buildings, vehicles, tools, plants, minerals, geological items, scenic sights,
 - maps, cartoon images, segments of movies, segments of videos, and web site images.

55. (CURRENTLY AMENDED) The system of claim ~~54~~ 53, wherein the unrelated background ~~pictures~~ images are selected from the group of pictures consisting of: books, astronomy images, zoology items, biology items, historical items, futuristic information, economical information, financial information, statistical information, science fiction, fiction, scientific information, and theological information.
56. (CURRENTLY AMENDED) The system of claim 52, wherein the related background ~~pictures~~ images are selected from the group of pictures consisting of: books, astronomy related images, mathematical related images, zoology related items, biology related items, historical related items, futuristic related information, economical related information, financial related information, statistical related information, science fiction related information, fiction related information, scientific related information, and theological related information.
57. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the three visual displays are viewable on a single display screen.
58. (PREVIOUSLY PRESENTED) The system of claim 1, wherein the three visual displays are viewable on three distinct display screens.

59. (CURRENTLY AMENDED) A method of providing instructional information using a computer implemented delivery system, comprising:

providing at least one source that provides the data, the data comprising instructional information and background information;

providing at least one user interface that receives input from a user-~~input~~ related to the data;

providing a plurality of output devices in a classroom that receives audio and visual components of the instructional information and background information, wherein the plurality of output devices includes at least three visual displays that show at least three visual images and wherein display of the instructional information is controlled by an operator and display of the background information is controlled by an auto-switching algorithm;

providing at least one a processor that ~~generates routes~~ audio and visual components ~~of from the~~ instructional information from provided data to at least one output device;

providing a computer-readable medium accessible to the processor and including instructions comprising a set of rules directing the plurality of output devices on what to display, wherein the rules include:

- (a) displaying ~~continuous random background visual images on~~ instructional information controlled by the operator on one or

- more of the at least three visual displays during a time when an instructor is instructing a student;
- (b) displaying background images of the background information on one or more of~~random sequencing of the visual images on~~each of the at least three visual displays~~not displaying instructional information~~when the instructor is instructing a student, the background images displayed and replaced randomly by the auto-switching algorithm that controls selection, sequence, and duration of the display of the background images;
- (c) displaying the background images~~random switching time between the visual images being displayed~~on each of the at least three visual displays when an instructor is instructing a student after expiration of a timeout period; and
- (d) ~~displaying random displaying duration of the visual images being displayed on each of the at least three visual displays when an instructor is instructing a student; and~~
- (e) ~~displaying random special effect transitions of the visual images being displayed on each of the at least three visual displays when an instructor is instructing a student; and~~

(d) providing a communication links that transmit data and information between the at least one source, the user interface, the processor and the output devices.

60. (CURRENTLY AMENDED) The method of claim 59, wherein the ~~set of at least one predetermined~~ rules further includes displaying background-~~pictures~~ images that are related to what is being taught.
61. (CURRENTLY AMENDED) The method of claim 59, wherein the ~~set of at least one predetermined~~ rules further includes displaying background-~~pictures~~ images that are unrelated to what is being taught.
62. (CURRENTLY AMENDED) The method of claim 61, wherein the unrelated background ~~pictures~~ images are selected from the group of pictures consisting of: animals, forests, rivers, clouds, ~~students, teachers,~~ mountains, art work, people, buildings, vehicles, tools, plants, minerals, geological items, scenic sights, maps, cartoon images, segments of movies, segments of videos, and web site images.
63. (CURRENTLY AMENDED) The method of claim ~~62~~ 61, wherein the unrelated background-~~pictures~~ images are selected from the group of pictures consisting of: books, astronomy images, zoology items, biology items, historical items, futuristic information,

economical information, financial information, statistical information, science fiction, fiction, scientific information, and theological information.

64. (CURRENTLY AMENDED) The method of claim ~~59~~ 60, wherein the related background ~~pictures~~ images are selected from the group of pictures consisting of: books, astronomy related images, mathematical related images, zoology related items, biology related items, historical related items, futuristic related information, economical related information, financial related information, statistical related information, science fiction related information, fiction related information, scientific related information, and theological related information.
65. (CURRENTLY AMENDED) The method of claim 59, further comprising:
providing a speaker override module that is configured to allow ~~the operator~~ a speaker to temporarily override ~~the automatic~~ display of the background images and to display selected material by the ~~speaker~~ instructor.
66. (PREVIOUSLY PRESENTED) The method of claim 59, wherein the at least three visual displays is a single screen that is configured to incorporate at least three separate visual images thereon.
67. (CURRENTLY AMENDED) A computer implemented delivery system for instructional information consisting essentially of:

at least one source that provides data, including an image capture device, the data comprising instructional information and background information;

at least one user interface that receives input from a user, the input related to execution of the data;

a plurality of output devices in a classroom that receives audio and visual components of the instructional information and background information, wherein the plurality of output devices includes three visual displays and wherein display of the instructional information is controlled by an operator and display of the background information is controlled by an auto-switching algorithm;

at least one processor that ~~generates routes~~ audio and visual components of from the instructional information and background information from provided data to at least one output device;

a computer-readable medium accessible by the processor and including instructions for:

displaying instructional information on at least one visual display of
~~continuous random background visual images on~~ the three
visual displays chosen by the operator for a duration selected
by the operator; and

displaying background images of the background information on one
~~or more of captured by the image capture device on~~ the three

visual displays, the background images displayed and replaced at random by the auto-switching algorithm that controls selection, sequence, and duration of the display of the background images; and

~~displaying images at random intervals on the three visual displays;~~

~~and~~

communication links that transmit data and information between the at least one source, the user interface, the processor and the output devices.

68. (PREVIOUSLY PRESENTED) The computer implemented delivery system of claim 67, wherein the user interface includes a screen and an input device.
69. (PREVIOUSLY PRESENTED) The computer implemented delivery system of claim 67, wherein the source includes a microphone.
70. (CURRENTLY AMENDED) The computer implemented delivery system of claim 67, wherein the computer-readable medium includes instructions for enabling ~~a user~~ the operator to enter direction regarding image display through the user interface and instructions for carrying out such direction.

71. (PREVIOUSLY PRESENTED) The computer implemented delivery system of claim 67, wherein the computer-readable medium further includes instructions for applying special effects to images.
72. (NEW) The computer implemented delivery system of claim 1, wherein the auto-switching algorithm replaces displayed background images with varying patterns selected with table driven timeouts.
73. (NEW) The computer implemented delivery system of claim 72, wherein the table-driven timeouts preclude duplication of image pattern to a minimum frequency.
74. (NEW) The computer implemented delivery system of claim 1, wherein the auto-switching algorithm replaces displayed background images according to a random duration with random background images.
75. (NEW) The computer implemented delivery system of claim 1, wherein the auto-switching algorithm selects input sources for the background information supplying the background images.
76. (NEW) The computer implemented delivery system of claim 1, further comprising an operator override for the auto-switching algorithm for one or more visual displays.

77. (NEW) The computer implemented delivery system of claim 1, wherein the auto-switching algorithm changes display of the instructional material from one set of the one or more of the at least three visual displays to another set of one or more of the at least three visual displays and wherein the auto-switching algorithm moves the background images of the background information to one or more visual displays not displaying instructional information.
78. (NEW) The computer implemented delivery system of claim 1, wherein the operator changes display of the instructional material from one set of the one or more of the at least three visual displays to another set of one or more of the at least three visual displays and the auto-switching algorithm moves the background images to visual displays not displaying instructional information.